



Erick Vázquez

BILINGUAL SOFTWARE DEVELOPER - CERTIFIED SCRUM MASTER



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Projects



Profile

With a strong technical and business customer-focused profile over 4 years of business project management and consulting experience during which I have worked with some of the largest banks and collection agencies in Mexico helping them to achieve their goals through technology.

EDUCATION

National Polytechnic Institute

Computer Engineer

Software engineering concentration

2010 - 2015 | License 10347988

CERTIFICATIONS

CSM Certified Scrum Master

2018 - 2021 | License 667560

TECHNICAL SKILLS

CODING

ASM, C, C++, C#, LaTeX, HTML, CSS, JavaScript, Python, Shell

Technologies:

Unix, Control Version, Bootstrap, LAMP, CMS, Oracle, MySQL, SQL, Cloud Computing AWS, E2C, Route53, Tableau, JIRA-Confluence, Android Studio

INTELLECTUAL PROPERTY

- Copyright & Copyleft
- Patents y Utility Models
- Software Level Agreements SLAs
- State of the art

CONTINUOUS INTEGRATION

- Microsoft Office Suite
- MS Visio + Project + Exchange
- JIRA – Confluence
- GitHub + SVN + Bitbucket

COMPUTER NETWORKS

- Telecommunication rooms
- Structured Wiring
- Technical memories
- Implementation Proposals
- Electrical Systems
- Grounding systems

METODOLOGIES

- Technology Readiness Level
- Waterfall, PMI –PMP

INDUSTRY EXPERIENCE

PROFESSIONAL SERVICES CONSULTANT 8 months | Equifax

My job is to raise the technical requirements of banks and collection agencies to customize the CyberFinancial platform the most used and powerful software in the world for call centers management, from removing the technical barriers that may arise between the company and the client, to transform the requirements into technical specifications. In addition to personal customer service, as a project leader I am responsible for managing projects of the assigned accounts. From high-level presentations to detailed design and technical implementations.

ACHIEVEMENTS:

- Implementation & design of the first score for collection agencies improvement
- Successful project track record for full life cycle software implementation projects for up to 597k USD for consulting/project leading services revenue
- Technical project leader for Banorte, Caja Popular Mexicana, Secorse, & BanBajio

FUNCTIONS:

- Remove technical barriers of projects between Sales-Client
- Take care of the product backlog, stakeholders and customer needs
- Take and transfer functional requirements between Client-Engineering
- Provide support and programmed training to end customers.
- Generation of new functionalities for clients.
- Maintenance to Linux servers, Oracle databases & predictive dialers.
- Train / Advise new income consultants assigned to their projects.
- Support to the Sales area with presentations and negotiations with the client

IT PROJECT MANAGER (SCRUM MASTER) 2 years | Ahorrateg

My job was to comply with the application of the technology maturation methodology of NASA applied by CONACYT for the Technological Innovation Fund program. With the aim of specifying through technology development a commercial product using agile methodologies. Part of my activities included everything from project management using scrum, risks management, focused on the stakeholders and in how to continuously improve the workflow of the technical team tasks performed to give life to a technology-based startup.

ACHIEVEMENTS:

- Deployment of a technology-based product complying with the first 5 stages of NASA's technology readiness level methodology from NASA (TRL)
- Managed the development of the RDBS and the company website

FUNCTIONS

- Electronic/Integral design, technical documentation in JIRA and Confluence, management of remote teams and/or foreign suppliers, Creation of tasks, Daily meetings and follow up for the technical team

GRAPHIC DESIGN

- Adobe Suite
- Image processing
- Scalable graphics (SVG)
- Branding
- Vectorial Art y animation
- Serigraphy
- 3D Modeling (C.A.D)

FRONT-END

- jQuery, DOM & AJAX
- Bootstrap
- SASS/SCSS
- MVC
- JSON,XML
- Optimization SEO
- Interface design UX/UI
- Responsive Design
- Data APIs
- Animation JS y CSS
- Static Site Generators

BACK-END

- Amazon EC2
- Servers & hosting web
- SSH, SFTP, HTTPS
- DNS, DHCP, Active Directory

EMBEDDED

- Printed Circuit Board Design
- Surface Mount packages
- Laboratory equipment
- PCB Production
- Microcontrollers (AVR)

LANGUAGES

SPANISH

Native Language

ENGLISH

C2 Level

OTHER

Google Analytics
Certification 2018 - 2019

Google Analytics Advanced
Certification 2018 - 2019

Google tag manager
Certification 2018 - 2019

PROJECT LEADER (TEAM LEAD) 7 Months | Polytechnic Institute (Project)

As a project leader, my job was to carry out the negotiations, links, quotations and recruitment of personnel necessary to carry out the telecommunications infrastructure project for a 2-story industrial warehouse.

ACHIEVEMENTS:

- MDF room installation in accordance with the international standard TIA-568B
- Installation of load center and plans of three-phase system of industrial warehouse Following the standard NOM-001-SEDE-2012

FUNCTIONS:

- Recruitment of personnel, Technical proposals and planning, Survey of requirements,
- Training and administration of technical personnel (8 people)

SOFTWARE DEVELOPER (EMBEDDED) 1 Year | Interactive Economy Museum

As a developer my work was to pick up requirements and generate tickets for the software and hardware functionalities for the museum exhibitions, any multimedia development or integration of technologies to improve the museum exhibitions was developed by me and the development team.

ACHIEVEMENTS:

- Software development for automated MEI payment devices,
- International management of electronic samples for prototypes
- Update of electronic exhibitions based on AVR Microcontrollers

FUNCTIONS:

- Programming of embedded systems, design of schematic and printed circuit boards (PCB), material lists (BoM), quotes, troubleshooting and electrical tests for short-term electronic projects

FRONT END UI / UX DESIGNER 2 Years | CemZoo

- 1 As techie my job was to provide the business with full support on the IT side of business
- 2 from the total implementation of their website

ACHIEVEMENTS:

- Unified corporate Image and personalized style of the site
- CSS Styling Of the Pokémon RPG Online game PRO
- Update of seasonal styles for the user forums vBULLETIN

FUNCTIONS:

- CCS Styling, template creation and prototyping, publicity campaigns, SEO optimization Upload of styles and light front end coding for the styles implementation

PUBLICATIONS & RESEARCH

E. Vázquez González, J.A. López Hernández, A. Carreón Jafeth "Implementation and review of current sensors precision in Non-Intrusive Load Monitoring (NILM) for Residential Electrical Systems" - Congreso Internacional de Innovación Tecnológica, CIINDET 2016

E. Vázquez González "Diseño, Construcción y Desarrollo de un Sistema de Monitoreo Eléctrico con interfaz web" - Tesis de Licenciatura, IPN 2016

E. Vázquez González "Design and implementation of a 10Amp Linear Power Supply" - Autodesk Instructables 2014